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| 4 | 2367 | hazard\$3 near3 (sensor or detect\$3) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:29 |
| 5 | 11590 | mode near3 cop\$4 | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:27 |
| 6 | 177186 | asynchronous or synchronous or asynchronous/synchronous or synchronous/asynchronous | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:29 |
| 7 | 27989 | event near3 (sensor or detect\$3) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:29 |
| 8 | 17712 | asynchronous adj3 mode or synchronous adj3 mode or synchronous/asynchronous adj3 mode or asynchronous/synchronous adj3 mode | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:30 |
| 9 | 44 | (mode near3 cop\$4) same (asynchronous adj3 mode or synchronous adj3 mode or synchronous/asynchronous adj3 mode or asynchronous/synchronous adj3 mode) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:30 |
| 10 | 25 | (sense or sensor or detect or detection) and ((mode near3 cop\$4) same (asynchronous adj3 mode or synchronous adj3 mode or synchronous/asynchronous adj3 mode or asynchronous/synchronous adj3 mode)) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:30 |
| 11 | 5211 | (hazard or hazardous or risk or danger or dangerous or disaster or disastorous or calamity or cataclysm or catastrophe or catastrophe or tragedy) near3 (sense or sensor or detect or detection) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:31 |
| 12 | 1 | ((sense or sensor or detect or detection) and ((mode near3 cop\$4) same (asynchronous adj3 mode or synchronous adj3 mode or synchronous/asynchronous adj3 mode or asynchronous/synchronous adj3 mode))) and ((hazard or hazardous or risk or danger or dangerous or disaster or disastorous or calamity or cataclysm or catastrophe or catastrophe or tragedy) near3 (sense or sensor or detect or detection)) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:31 |
| 13 | 2209 | (sense or sensor or detect or detection) and (hazard\$3 near3 (sensor or detect\$3)) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:32 |
| 14 | 25 | (mode near3 cop\$4) and ((sense or sensor or detect or detection) and (hazard\$3 near3 (sensor or detect\$3))) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:32 |
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|----|--------|---|---|------------------|
| 18 | 233 | first adj cache and second adj cache and third adj cache | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:33 |
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| 21 | 920 | prob\$5 near5 data near5 (loss or lose) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:34 |
| 22 | 1230 | (mode near3 cop\$4) and (asynchronous or synchronous or asynchronous/synchronous or synchronous/asynchronous) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:34 |
| 23 | 0 | (prob\$5 near5 data near5 (loss or lose)) and ((mode near3 cop\$4) and (asynchronous or synchronous or asynchronous/synchronous or synchronous/asynchronous)) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:34 |
| 24 | 48 | (asynchronous adj3 mode or synchronous adj3 mode or synchronous/asynchronous adj3 mode or asynchronous/synchronous adj3 mode) and (prob\$5 near5 data near5 (loss or lose)) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:34 |
| 25 | 0 | ((hazard or hazardous or risk or danger or dangerous or disaster or disasterous or calamity or cataclysm or catastrophe or catastrophe or tragedy) near3 (sense or sensor or detect or detection)) and ((asynchronous adj3 mode or synchronous adj3 mode or synchronous/asynchronous adj3 mode or asynchronous/synchronous adj3 mode) and (prob\$5 near5 data near5 (loss or lose))) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:34 |
| 26 | 0 | (mode near3 cop\$4) and ((asynchronous adj3 mode or synchronous adj3 mode or synchronous/asynchronous adj3 mode or asynchronous/synchronous adj3 mode) and (prob\$5 near5 data near5 (loss or lose))) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:34 |
| 27 | 759 | 711/162.ccls. | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:35 |
| 28 | 304 | 711/161.ccls. | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:35 |
| 29 | 1472 | 711/154.ccls. | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:35 |
| 30 | 756 | 714/15.ccls. | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:35 |
| 31 | 314 | 714/24.ccls. | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:35 |
| 32 | 767 | 714/47.ccls. | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:35 |
| 33 | 2335 | 711/162.ccls. or 711/161.ccls. or 711/154.ccls. | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:36 |

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| 35 | 4083 | (711/162.ccls. or 711/161.ccls. or 711/154.ccls.) or (714/15.ccls. or 714/24.ccls. or 714/47.ccls.) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:36 |
| 36 | 22 | (prob\$5 near5 data near5 (loss or lose)) and ((711/162.ccls. or 711/161.ccls. or 711/154.ccls.) or (714/15.ccls. or 714/24.ccls. or 714/47.ccls.)) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:36 |
| 37 | 4 | (asynchronous or synchronous or asynchronous/synchronous or synchronous/asynchronous) and ((prob\$5 near5 data near5 (loss or lose)) and ((711/162.ccls. or 711/161.ccls. or 711/154.ccls.) or (714/15.ccls. or 714/24.ccls. or 714/47.ccls.))) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:36 |
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| 39 | 4 | ((asynchronous or synchronous or asynchronous/synchronous or synchronous/asynchronous) and ((prob\$5 near5 data near5 (loss or lose)) and ((711/162.ccls. or 711/161.ccls. or 711/154.ccls.) or (714/15.ccls. or 714/24.ccls. or 714/47.ccls.)))) and @ad<19991216 | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:39 |
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| 41 | 0 | (first adj cache and second adj cache and third adj cache) and (((asynchronous or synchronous or asynchronous/synchronous or synchronous/asynchronous) and ((prob\$5 near5 data near5 (loss or lose)) and ((711/162.ccls. or 711/161.ccls. or 711/154.ccls.) or (714/15.ccls. or 714/24.ccls. or 714/47.ccls.)))) and @ad<19991216) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:40 |
| 42 | 0 | (mode near3 cop\$4) and (((asynchronous or synchronous or asynchronous/synchronous or synchronous/asynchronous) and ((prob\$5 near5 data near5 (loss or lose)) and ((711/162.ccls. or 711/161.ccls. or 711/154.ccls.) or (714/15.ccls. or 714/24.ccls. or 714/47.ccls.)))) and @ad<19991216) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:40 |
| 43 | 1 | (event near3 (sensor or detect\$3)) and (((asynchronous or synchronous or asynchronous/synchronous or synchronous/asynchronous) and ((prob\$5 near5 data near5 (loss or lose)) and ((711/162.ccls. or 711/161.ccls. or 711/154.ccls.) or (714/15.ccls. or 714/24.ccls. or 714/47.ccls.)))) and @ad<19991216) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:41 |

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|----|-------|--|---|------------------|
| 44 | 16307 | (backup or archive) with data | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:41 |
| 45 | 736 | ((event near3 (sensor or detect\$3)) and ((backup or archive) with data)) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:41 |
| 46 | 260 | ((asynchronous or synchronous or asynchronous/synchronous or synchronous/asynchronous) and ((event near3 (sensor or detect\$3)) and ((backup or archive) with data))) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:41 |
| 47 | 7 | ((prob\$5 near5 data near5 (loss or lose)) and ((asynchronous or synchronous or asynchronous/synchronous or synchronous/asynchronous) and ((event near3 (sensor or detect\$3)) and ((backup or archive) with data)))) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2004/05/14 17:42 |
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("data archive" <or> "data backup") <and> (sensor <or> sense <or> detect) <and> (event <or> hazard)

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```
(archive <or> backup) <and>
(sensor <or> sense <or>
detect) <and> (event <or>
hazard) <and> data
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1 Just-in-time weather in the synthetic natural environment

West, P.; Melendez, J.;

Systems, Man, and Cybernetics, 2000 IEEE International Conference on , Volume: 1 , 8-11 Oct. 2000

Pages:472 - 477 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(768 KB\)\]](#) IEEE CNF

2 Performance modeling of an all softcopy image analysis and exploitation system

Guarino, C.R.;

Geoscience and Remote Sensing Symposium, 1999. IGARSS '99 Proceedings. IEEE 1999 International , Volume: 2 , 28 June-2 July 1999

Pages:1155 - 1157 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(264 KB\)\]](#) IEEE CNF

3 GPS time synchronization system for K2K

Berns, H.G.; Wilkes, R.J.;

Real Time Conference, 1999. Santa Fe 1999. 11th IEEE NPSS , 14-18 June 1999

Pages:480 - 483

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4 New strategies and instruments for enhancement of aviation safety

Mahapatra, P.R.;

Aerospace and Electronics Conference, 1989. NAECON 1989., Proceedings of the IEEE 1989 National , 22-26 May 1989

Pages:1782 - 1789 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(712 KB\)\]](#) IEEE CNF

5 The dynamic testing of a collision tolerant pile structure

Baldwin, K.C.; Marien, K.; Melton, J.; Robinson Swift, M.;
OCEANS '95. MTS/IEEE. 'Challenges of Our Changing Global Environment'.
Conference Proceedings. , Volume: 2 , 9-12 Oct. 1995
Pages:750 - 759 vol.2

[[Abstract](#)] [[PDF Full-Text \(544 KB\)](#)] IEEE CNF

6 The Carolinas Coastal Ocean Observing and Prediction System

Buckley, E.N.; Fletcher, M.M.; Pietrafesa, L.J.; Moss, M.K.;
Oceans '02 MTS/IEEE , Volume: 1 , 29-31 Oct. 2002
Pages:541 - 546 vol.1

[[Abstract](#)] [[PDF Full-Text \(579 KB\)](#)] IEEE CNF

7 Earth observation and case-based systems for flood risk management

Henry, J.-B.; Fella, K.; Clandillon, S.; Allenbach, B.; De Fraipont, P.;
Geoscience and Remote Sensing Symposium, 2002. IGARSS '02. 2002 IEEE
International , Volume: 3 , 24-28 June 2002
Pages:1496 - 1498 vol.3

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8 Dual stage hybrid restoration protocol for optical networks

Jong-Moon Chung; Kotikalapudi, V.; Byoung-Yong Lee;
Circuits and Systems, 2002. MWSCAS-2002. The 2002 45th Midwest Symposium
on , Volume: 2 , 4-7 Aug. 2002
Pages:II-322 - II-325 vol.2

[[Abstract](#)] [[PDF Full-Text \(371 KB\)](#)] IEEE CNF

9 Statistical model-based scatter correction for 3D PET

Chiba, Y.; Kimura, Y.; Kitamura, K.; Oda, K.; Uchiyama, A.; Ishiwata, K.;
[Engineering in Medicine and Biology, 2002. 24th Annual Conference and the
Annual Fall Meeting of the Biomedical Engineering Society] EMBS/BMES
Conference, 2002. Proceedings of the Second Joint , Volume: 2 , 23-26 Oct. 2002
Pages:965 - 966 vol.2

[[Abstract](#)] [[PDF Full-Text \(230 KB\)](#)] IEEE CNF

**10 Development of a service management scheme for semiconductor
factory management systems**

Fan-Tien Cheng; Haw-Ching Yang; Chia-Ying Tsai;
Robotics and Automation, 2002. Proceedings. ICRA '02. IEEE International
Conference on , Volume: 4 , 11-15 May 2002
Pages:3607 - 3612 vol.4

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**11 A fault-tolerant reservation-based strategy for scheduling aperiodic
tasks in multiprocessor systems**

Yang, C.; Deconinck, G.;
Parallel, Distributed and Network-based Processing, 2002. Proceedings. 10th
Euromicro Workshop on , 9-11 Jan. 2002
Pages:319 - 326

[[Abstract](#)] [[PDF Full-Text \(306 KB\)](#)] IEEE CNF

12 Mapping recent lava flows with Radarsat-1 imagery

Mahmood, A.; Giugni, L.P.;

Geoscience and Remote Sensing Symposium, 2001. IGARSS '01. IEEE 2001 International , Volume: 1 , 9-13 July 2001

Pages:482 - 484 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(1094 KB\)\]](#) [IEEE CNF](#)

13 A vision for creating advanced products from EOS core system data to support geospatial applications in the State of Texas

Tapley, B.D.; Crawford, M.M.; Howard, T.; Hutchison, K.D.; Smith, S.; Wells, G.L.;

Geoscience and Remote Sensing Symposium, 2001. IGARSS '01. IEEE 2001 International , Volume: 2 , 9-13 July 2001

Pages:843 - 845 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(159 KB\)\]](#) [IEEE CNF](#)

14 RADARSAT-1 Background Mission data for flood monitoring

Mahmood, A.; Parashar, S.; Giguere, C.;

Geoscience and Remote Sensing Symposium, 1999. IGARSS '99 Proceedings. IEEE 1999 International , Volume: 2 , 28 June-2 July 1999

Pages:809 - 811 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(188 KB\)\]](#) [IEEE CNF](#)

15 Radar observation of internal wave and current interactions

Lavrova, O.Yu.; Sabinin, K.D.; Badulin, S.I.; Andreyev, N.N.; Shirshov, P.P.;

Geoscience and Remote Sensing Symposium, 1999. IGARSS '99 Proceedings. IEEE 1999 International , Volume: 1 , 28 June-2 July 1999

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[\[Abstract\]](#) [\[PDF Full-Text \(260 KB\)\]](#) [IEEE CNF](#)

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16 The role of dead reckoning and inertial sensors in future general aviation navigation

Berman, Z.; Powell, J.D.;

Position Location and Navigation Symposium, IEEE 1998, 20-23 April 1998
Pages:510 - 517[\[Abstract\]](#) [\[PDF Full-Text \(568 KB\)\]](#) IEEE CNF

17 Remote sensing of power system arcing faults

Bartlett, E.J.; Moore, P.J.;

Advances in Power System Control, Operation and Management, 2000. APSCOM-00. 2000 International Conference on, Volume: 1, 30 Oct.-1 Nov. 2000
Pages:49 - 53 vol.1[\[Abstract\]](#) [\[PDF Full-Text \(424 KB\)\]](#) IEEE CNF

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Bartlett, E.J.; Moore, P.J.;

Advances in Power System Control, Operation and Management, 2000. APSCOM-00. 2000 International Conference on , Volume: 1 , 30 Oct.-1 Nov. 2000
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